

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A device usable for forming an alignment layer of a display apparatus, the device comprising:

a lower portion and an upper portion of the device usable for forming the alignment layer,
wherein the lower portion includes a printing part including a printing process for printing
to form [[an]]the alignment layer on a substrate, and including a print table fixing the substrate
and at least one inkjet head to spray ~~spraying~~ an alignment material onto the substrate[[;]], and

wherein the upper portion includes a drying part positioned directly and vertically above
the printing part, the drying part including a drying process to dry a solvent of the alignment
material onto the substrate using a dry table having a hot plate, a baking process to bake the dried
alignment material onto the substrate, and a rubbing process; and ~~for drying the alignment layer,~~
~~and including a dry table fixing and heating the substrate; and~~

a transferring part having a transfer robot lifting the substrate in a vertical direction, for
transferring the substrate from the printing part to the drying part, ~~and including a transfer robot~~
~~lifting the substrate in a vertical direction~~ and placing the substrate on the dry table after the
printing process[[;]],

wherein the at least one inkjet head is positioned between the print table and the drying
part and is moved over the substrate in a horizontal direction, and

wherein at least an array of the inkjet head is arranged in at least one line according to a
long side or a short side of the substrate.

2-3. (Canceled)

4. (Currently Amended) The device of claim 1 [[3]], wherein a size and an arrangement
of the inkjet heads are varied according to a size and a kind of the substrate.

5-6. (Canceled).

7. (Currently Amended) The device of claim 1, wherein [[an]]the alignment material
sprayed from the inkjet head is polyimide PI.

8-10. (Cancelled)

11. (Original) The device of claim 1, wherein the alignment layer is an alignment layer provided in a liquid crystal display device.

12. (Original) The device of claim 1, wherein the printing part, the drying part and the transferring part are provided in a clean room.

13-14. (Canceled)

15. (Withdrawn) A method usable for forming an alignment layer of a display apparatus, the method comprising:

printing, by a printing part, an alignment layer on a substrate;

drying, by a drying part positioned above the printing part, the alignment layer printed on the substrate; and

transferring the substrate.

16. (Withdrawn) The method of claim 15, wherein the printing step includes:

spraying, by at least one inkjet head, an alignment material onto the substrate, the inkjet head being positioned between the printing part and the drying part.

17. (Withdrawn) The method of claim 16, wherein in the printing step, at least one array of inkjet heads is positioned in one line according to a long side or a short side of the substrate to print the alignment layer onto the long or short side of the substrate at one time.

18. (Withdrawn) The method of claim 17, wherein in the printing step, a size and an arrangement of the inkjet heads are varied according to a size and a kind of the substrate.

19. (Withdrawn) The method of claim 16, wherein the printing part includes a print table to receive the substrate, and in the printing step, the inkjet head sprays the alignment material onto the substrate at a fixed state while the print table is moved in a horizontal direction.

20. (Withdrawn) The method of claim 16, wherein the printing part includes a print table to receive the substrate at a fixed state, and in the printing step, the inkjet head is moved over the substrate in a horizontal direction to spray the alignment material onto the substrate.

21. (Withdrawn) The method of claim 16, wherein in the spraying step, the alignment material sprayed from the inkjet head is polyimide PI.

22. (Withdrawn) The method of claim 15, wherein in the printing step, the alignment layer is an alignment layer provided in a liquid crystal display device.

23. (Previously Presented) The device of claim 1, wherein a width of the inkjet head is substantially same as a width of the substrate so as to form an alignment on the entire substrate.

24. (Canceled)